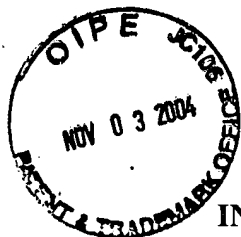


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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Jeffrey R. Jobs et al. Attorney Docket No.: 33585/US
Serial No. : 10/797,727 Group Art Unit : 2151
Filed : March 8, 2004 Examiner : Not yet assigned
Title : MEMORY HUB ARCHITECTURE HAVING PROGRAMMABLE LANE WIDTHS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

ELECTION UNDER 37 C.F.R. §§ 3.71 AND 3.73(b) AND POWER OF ATTORNEY

Sir:

The undersigned, being Assignee of the entire interest in the above-identified application by virtue of the Assignment filed on March 8, 2004, hereby elects, under 37 C.F.R. § 3.71, to prosecute the application to the exclusion of the inventors.

Assignee hereby appoints EDWARD W. BULCHIS, Reg. No. 26,847; PAUL T. MEIKLEJOHN, Reg. No. 26,569; BRIAN C. PARK, Reg. No. 45,519; KIMTON N. ENG, Reg. No. 43,605; MICHAEL A. RAHMAN, Reg. No. 43,872; MARK W. ROBERTS, Reg. No. 46,160; DOUGLAS STEWART, Reg. No. 51,060; RAYMOND M. ANANIAN, Reg. No. 35,050; EDWARD BACHAND, Reg. No. 37,085; JOHN F. BRADY, Reg. No. 39,118; DAVID J. BREZNER, Reg. No. 24,774; RONALD BROWN, Reg. No. 29,016; DAVID BRUHN, Reg. No. 36,762; ROBERT CHICKERING, Reg. No. 24,286; W. ROBINSON CLARK, Reg. No. 41,530; SHANE COLEMAN, Reg. No. 44,623; ANGELA DRALLE, Reg. No. 51,632; GREGORY DURBIN, Reg. No. 42,503; DANIEL FISHER, Reg. No. 34,162; DAVID FOSTER, Reg. No. 44,685; DAVID FRONEK, Reg. No. 25,678; MICHAEL GILCHRIST, Reg. No. 40,619; THERESA HANKES, Reg. No. 45,501; CRAIG HEMENWAY, Reg. No. 44,759; STUART HEMPHILL, Reg. No. 28,084; TIANJUN HOU, Reg. No. 51,821; JASON HUNT, Reg. No. 53,048; S. WADE JOHNSON, Reg.

No. 50,873; VICTOR E. JOHNSON, Reg. No. 41,546; JOHN KENNEDY, Reg. No. 42,717; RENEE KOSSLAK, Reg. No. 47,717; JENNIFER LANE, Reg. No. 51,916; BRIAN LAURENZO, Reg. No. 34,207; STEVEN LENDARIS, Reg. No. 53,202; KENNETH LEVITT, Reg. No. 39,747; TODD LORENZ, Reg. No. 39,754; JANET MACLEOD, Reg. No. 35,263; DIANE J. MASON, Reg. No. 43,777; CHARLES MATSON, Reg. No. 52,006; BIRGIT MILLAUER, Reg. No. 43,341; ALICIA MILLS, Reg. No. 46,933; EUK Y. OH, Reg. No. 54,345; LEE OSMAN, Reg. No. 38,260; DEVAN PADMANABHAN, Reg. No. 38,262; ANN MARIA PEASE, Reg. No. 42,067; STEVEN PEDERSON, Reg. No. 53,447; JAMES PINTO, Reg. No. 40,774; GARY POLUMBUS, Reg. No. 25,364; PAUL PRENDERGAST, Reg. No. 46,068; PAUL ROBBENNOLT, Reg. No. 52,169; TRACI H. ROPP, Reg. No. 44,307; SCOTT ROTHENBERGER, Reg. No. 41,277; GURJEEV SACHDEVA, Reg. No. 37,434; ROBIN M. SILVA, Reg. No. 38,304; SEAN SOLBERG, Reg. No. 48,653; GERALD SULLIVAN, Reg. No. 37,243; MARIA S. SWIATEK, Reg. No. 37,244; ALDO J. TEST, Reg. No. 18,048; BRUCE TRAUBEN, Reg. No. 46,392; RICHARD TRECARTIN, Reg. No. 31,801; RAYMOND VAN DYKE, Reg. No. 34,746; KYLE WAY, Reg. No. 45,549; MIN XU, Reg. No. 39,536; and the attorneys and agents associated with the firm of **DORSEY & WHITNEY LLP, Customer Number 27,076**, along with MICHAEL L. LYNCH, Reg. No. 30,871; WALTER D. FIELDS, Reg. No. 37,130; CHARLES B. BRANTLEY, II, Reg. No. 38,086; KEVIN D. MARTIN, Reg. No. 37,882; and DAVID J. PAUL, Reg. No. 34,692, of Micron Technology, Inc., 8000 South Federal Way, Boise, Idaho 83716-9632, as its attorneys to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. Please direct all telephone calls to **Edward W. Bulchis** at (206) 903-8800 and telecopies to (206) 903-8820.


Please direct all communications to:

Edward W. Bulchis, Esq.
Customer No. 27,076
 Dorsey & Whitney LLP
 1420 Fifth Avenue, Suite 3400
 Seattle, Washington 98101
 (206) 903-8800

Pursuant to 37 C.F.R. § 3.73(b), the undersigned duly authorized designee of Assignee certifies that the evidentiary documents have been reviewed, specifically the Assignment to MICRON TECHNOLOGY, INC., **March 8, 2004**, under Reel 015091 / Frame 0582, a copy of which is attached hereto, and certifies that to the best of my knowledge and belief, title remains in the name of the Assignee.

MICRON TECHNOLOGY, INC.
ASSIGNEE

Oct 29, 2004
DATE


Michael L. Lynch
Chief Patent Counsel

Enclosure:
Copy of Assignment

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Jeffrey R. Jobs and Thomas A. Stenglein

Filed : Concurrently herewith

For : MEMORY HUB ARCHITECTURE
HAVING PROGRAMMABLE LANE
WIDTHS

Docket No. 33585/US

Disclosure No. 03-0664

ASSIGNMENT :

☒ Enclosed for recording

☐ Previously recorded

Date: _____

Reel: _____

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned do hereby:

SELL, ASSIGN AND TRANSFER to **Micron Technology, Inc.** (the "Assignee"), a corporation of Delaware, having a place of business at 8000 South Federal Way, Boise, Idaho 83716-9632, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith and is entitled "**MEMORY HUB ARCHITECTURE HAVING PROGRAMMABLE LANE WIDTHS**"; such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States of America;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to

others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

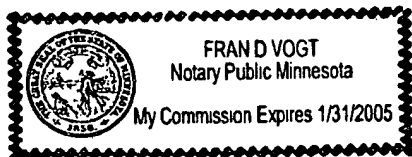
Jeffrey R. Jobs
Jeffrey R. Jobs

Date: 12-29-2003

STATE OF MINNESOTA)
) ss.
County of HANOVER)

BEFORE ME, this 29th day of DECEMBER, 2003, personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

SEAL



Fran D. Vogt
Notary or Consular Officer
My Commission Expires 01/31/2005

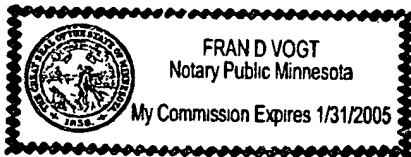
Thomas A. Stenglein
Thomas A. Stenglein

Date: 12-29-03

STATE OF MINNESOTA)
) ss.
County of Hennepin)

BEFORE ME, this 29th day of DECEMBER, 2003, personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

SEAL



Fran D. Vot
Notary or Consular Officer
My Commission Expires 01/31/2005

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